MAX (Phospho Ser11) Rabbit pAb

CatalogNo: YP1570

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat	• WB,ELISA

MW	Isotype
• 18kD (Calculated)	• IgG

Recommended Dilution Ratios

WB 1:1000-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human MAX (Phospho Ser11)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat MAX (Phospho Ser11).The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):VEsDE

Target Information

Gene name MAX BHLHD4

Protein Name MAX (Phospho Ser11)

Organism	Gene ID	UniProt ID
Human	4149;	P61244;
Mouse		P28574;
Rat	60661;	P52164;

Cellular Localization Nucleus. Cell projection, dendrite .

Tissue specificity High levels found in the brain, heart and lung while lower levels are seen in the liver, kidney and skeletal muscle.

Function Alternative products:Additional isoforms seem to exist,Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,Function:Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC-MAX complex is a transcriptional activator, whereas the MAD-MAX complex is a repressor. May repress transcription via the recruitment of a chromatin remodeling complex containing H3-K9 histone methyltransferase activity.,PTM:Reversible lysine acetylation might regulate the nuclear-cytoplasmic shuttling of specific Max complexes.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as a heterodimer with MYC or MAD. Part of the E2F6.com-1 complex in G0 phase composed of E2F6, MGA, MAX, TFDP1, CBX3, BAT8, EUHMTASE1, RING1, RNF2, MBLR, L3MBTL2 and YAF2. Interacts with SPAG9.,tissue specificity:High levels found in the brain, heart and lung while lower levels are seen in the liver, kidney and skeletal muscle.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
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